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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/728,977	12/04/2000	Samuel Muthiah Prabhakar	ROC9-2000-0176-US1	4005

7590 03/22/2004
Steven W. Roth
IBM Corporation, Dept. 917
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Rochester, MN 55901-7829

EXAMINER

BATES, KEVIN T

ART UNIT	PAPER NUMBER
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2155

DATE MAILED: 03/22/2004

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Please find below and/or attached an Office communication concerning this application or proceeding.

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Office Action Summary

Application No.

09/728,977

Applicant(s)

PRABHAKAR ET AL.

Examiner

Kevin Bates

Art Unit

2155

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 07 January 2002.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-15 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-15 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
- ☐ Certified copies of the priority documents have been received.
 - ☐ Certified copies of the priority documents have been received in Application No. _____.
 - ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☒ Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)
Paper No(s)/Mail Date 4, 5, 7.
- 4) ☐ Interview Summary (PTO-413)
Paper No(s)/Mail Date. _____
- 5) ☐ Notice of Informal Patent Application (PTO-152)
- 6) ☐ Other: _____

DETAILED ACTION

This communication is in response to a preliminary amendment submitted on January 7, 2002.

The Declaration we received on March 23, 2001.

The Information Disclosure Statements were received on December 4, 2000, May 2, 2002, and June 17, 2002.

Claim Rejections - 35 USC § 102

The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

Claims 1-15 are rejected under 35 U.S.C. 102(b) as being anticipated by Weiser (5982520)

Regarding claim 1, Weiser discloses a data storage network (Column 4, lines 13 – 14), said network comprising: a personal data storage device (Column 4, line 14), said personal data storage device storing data, said data being a first type of data, said data storage device being incapable of processing said data (Column 5, lines 37 – 39); and a purpose optimized device, said purpose optimized device being optimized to perform a specific task, said specific task being processing said data of said first type (Column 3, lines 11 – 13), said purpose optimized device being wirelessly connected to said personal storage device to perform said specific processing task (Column 3, lines 41 – 45).

Regarding claim 2, Weiser discloses that said personal data storage device also stores data of a second type and wherein said purpose optimized device is incapable of processing data of said first type (Column 1, lines 48 – 49).

Regarding claim 3, Weiser discloses that said data storage network further comprises a second purpose optimized device, said second purpose optimized device being optimized to perform a second specific task, said second specific task being processing said data of said second type (Column 3, lines 23 – 36).

Regarding claims 4 and 14, Weiser discloses a method for performing a specific processing task by a purpose optimized device within a data storage network, said method comprising the steps of requesting information regarding available services from a personal data storage device that is also within said data storage network (Column 4, lines 44 – 47); receiving information regarding at least one available service; selecting said at least one available service; requesting that said personal data storage device transmit data in support of said at least one available service, said personal data storage device being unable to process said data; and performing said specific processing task by processing said data (Column 3, lines 11 – 22).

Regarding claims 5 and 15, Weiser discloses that a second specific processing task is performed by a second purpose optimized device, said second purpose optimized device also being within said data storage network (Column 4, lines 44 – 46), said method further comprising the steps of requesting said information regarding available services from said personal data storage device; receiving information regarding a second available service; selecting said second available service; requesting that said

personal data storage device transmit data in support of said second available service, said personal data storage device being unable to process said data, said purpose optimized device being unable to process said data; and performing said second specific processing task by processing said data (Column 3, lines 23 – 36; Column 5, lines 34 – 39)).

Regarding claims 6 and 10, Weiser discloses a data storage network, said data storage network comprising: a purpose optimized device, said purpose optimized device repeatedly transmitting a notification of availability of service information; and a personal data storage device, said personal data storage device responding to said repeatedly transmitted notification and thereby receiving said service information (Column 4, lines 32 – 48).

Regarding claims 7 and 11, Weiser discloses that said response to said repeatedly transmitted notification is verified by said purpose optimized device to determine whether said personal data storage device is authorized to receive said service information before permitting said personal data storage device to receive said service information (Column 4, lines 37 – 38; Column 5, lines 39 – 41).

Regarding claims 9 and 13, Weiser discloses that said repeatedly transmitted notification is a wireless transmission and wherein said personal data storage device responds to said notification when in range of said wireless transmission (Column 5, lines 60 – 66; lines 19 – 23).

Regarding claims 8 and 12, Weiser discloses that said service information is selected from a group consisting of: presentation information, audio information, and video information (Column 5, lines 9 – 13; lines 19 – 25; lines 37 – 39).

Conclusion

The prior art made of record and not relied upon is considered pertinent to applicant's disclosure.

U. S. Patent No. 5894425 issued to Saliba, because it has wireless storage with multiple devices.

U. S. Patent No. 5553314 issued to Grube, because it has wireless device and storage, for communication with optimized devices.

U. S. Patent No. 6289464 issued to Weker, because it has a portable wireless device with storage.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Kevin Bates whose telephone number is (703) 605-0633. The examiner can normally be reached on 8 am - 4:30 pm.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Hosain Alam can be reached on (703) 308-6662. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

KB
March 10, 2004.


HOSAIN ALAM
SUPERVISORY PATENT EXAMINER